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BOOST MEASURING-INSTRUMENT PRODUCTION;  
SCORES SLOW SHOPS IN BEARINGS PLANT

HIGH-SPEED ASSEMBLY AT INSTRUMENT PLANT -- Vechernyaya Moskva, No 296, 16 Dec 49

A complete and packaged instrument is taken off the assembly conveyer every 30 seconds at the Moscow Instrument Plant.

[This cuts 10 seconds off the rate of one packaged instrument every 40 seconds reported on 6 September 1949 in Moskovskiy Bol'shevik.]

UPS MICROMETER OUTPUT -- Kommunist, No 1, 1 Jan 50

During 1949 the Moscow Kalibr Plant increased its output of micrometers 32 percent over the preceding year, with total production exceeding the number planned for 1950 by two times. Only conveyer methods of production are used.

Krasnaya Zvezda, No 309, 31 Dec 49

The micrometer section of the Moscow Kalibr Plant was completely equipped with conveyers during 1949. Production of micrometers during that year exceeded the 1948 record 32 percent, and operations which took one year to perform before the war now are completed in 18-20 workdays.

MULTISPINDLE AUTOMATICS NEED MODERNIZING -- Moskovskiy Bol'shevik, No 278,  
26 Nov 49

At a general meeting of the Second State Bearings Plant, I. Bakhvalov, its director, made a report summing up the plant's achievements and shortcomings. He stated that though the plant had completed the Five-Year Plan in less than 4 years and the over-all indexes were satisfactory, the plant had

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failed to carry out the government's program with respect to a number of products. To make the plant a fully successful enterprise, many individual shops, sections, and units had to be pulled up to the general high level. The automatic lathe and grinding shops, which play a decisive part in the whole production process, must be the first shops in which Stakhanovite methods are introduced. In both shops many workers are not meeting the norms.

In this connection, I. Gindin, chief of the automatic lathe shop commented that one of the prime needs of his shop was the equipment of the four-spindle automatics with roller bearings. In fact, all the multispindle automatic machines ought to be radically overhauled and modernized.

V. Ksenokratov, chief of the grinding shop, listed the following as immediate necessities in his shop: organization of production on a conveyer-line basis, decrease of tolerances and an improved method of machining races and separators, introduction of high-speed grinding, establishment of a laboratory for abrasives, and improvement in planning, checking, and accounting procedures.

V. Serebryakov, professor at the Moscow Night Institute for Machine Building, who took part in the meeting, stated that his institute is planning various measures of assistance for the plant. He pointed out that one of the plant's basic needs is a strict and scientific program of preventive maintenance in order to eliminate rejects.

Moskovskiy Bol'shevik, No 8, 10 Jan 50

I. Dudkin, director of the Moscow Night Institute for Machine Building, writes that his organization has undertaken to assist the Second State Bearings Plant in becoming a stakhanovite enterprise within the first half of 1950. The institute will help the plant extend the use of high-speed cutting in the automatic lathe shop, organize conveyer lines in the grinding and automatic lathe shops with maximum mechanization and latest techniques, make automatic the checking operations in the grinding shop, introduce statistical controls in the automatic lathe shop, convert the forge furnaces to gas fuel instead of petroleum, and introduce nondistortional tempering of races through chilling, a method hitherto not employed at the plant.

PLANT SHIPS BEARINGS -- Leningradskaya Pravda, No 293, 14 Dec 49

The Moscow First State Bearing Plant imeni Kaganovich is shipping large-size bearings and thousands of high-precision bearings to Zaporozh'ye, Baku and other cities of the country.

NONSTOP SHIFT TURNOVER UPS PRODUCTIVITY -- Moskovskiy Komsomolets, No 157, 29 Dec 49

During 1949 the foundry of the First State Bearings Plant imeni Kaganovich has considerably reduced machine stoppage and raised the productivity of labor 20-25 percent by relieving shifts without stopping the machines.

BEGINS HIGH-SPEED GRINDING -- Trud, No 279, 26 Nov 49

The Saratov Ball-Bearing Plant has begun high-speed grinding of ball-bearing races.

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ODESSA PLANTS TO PUT OUT NEW MACHINES -- Leningradskaya Pravda, No 7, 8 Jan 50

The Odessa Spinning Loom Plant will put out a series of high-precision machine tools for the automobile and machine-building industries.

The Odessa Scales Plant imeni Starostin will put out an original type of scales for weighing batches of pipe for the ferrous metallurgical industry.

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